# FRADEN'

### **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

Generating Isolated Bus Cycles for Isolated Execution

**Application Number:** 

09/538954

Confirmation Number:

9452

First Named Applicant:

Carl Ellison

Attorney Docket Number: 42P08107

Art Unit:

2137

Examiner:

Tremayne Norris

Search string:

(3699532 or 4207609 or 4319233 or 4403283

or 4419724 or 5237616 or 5287363 or 5560013 or 5604805 or 5633929 or 5668971 or 5684948

or 5706469 or 5740178 or 5752046 or 5809546 or 5825880 or 5919257 or 5935242 or 5935247

or 6035374 or 6093213 or 6108644 or 6131166 or 6199152 or 6327652 or 6397379 or 6529909 or 6560627 or 6609199 or 6615278 or 6651171

or 6684326 ).pn.

RECEIVED

JUL 0 2 2004

Technology Center 210

### **US Patent Documents.**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	7 1	3699532	1972-10-17	Schaffer, Harry G., et al.			
	2	4207609	1980-06-10	Luiz, Fernando A., et al.			
	3	4319233	1982-03-09	Matsuoka, Michihiro , et al.			
	4	4403283	1983-09-06	Myntti, Jon N., et al.	]		7
	5	4419724	1983-12-06	Branigin, Michael H., et al.	] —		
	6	5237616	1993-08-17	Abraham, Dennis G., et al.			
	7	5287363	1994-02-15	Wolf, Paul I., et al.			
	8	5560013	1996-09-24	Scalzi, Casper A., et al.	<		
	9	5604805	1997-02-18	Brands, Stefanus A.			
	10	5633929	1997-05-27	Kaliski, Jr., Burton S.			
	11	5668971	1997-11-16	Neufeld, E. D.	] _		
A	12	5684948	1997-11-04	Johnson, James S., et al.			
4					<		

			<u> </u>		i 1
TAT	13	5706469.	1998-01-06	Kobayashi, Souichi	
	14	5740178	1998-04-14	Jacks, Steven A., et al.	
	15	5752046	1998-05-12	Oprescu, Florin, et al.	
	16	5809546	1998-09-15	Greenstein, Paul G., et al.	
	17	5825880	1998-10-20	Sudia, Frank W., et al.	
	18	5919257	1999-07-06	Trostle, Jonathan	
	19	5935242	1999-08-10	Madany, Peter W., et al.	
	20	5935247	1999-08-10	Pai, Hsin-Ying , et al.	]
	21	6035374	2000-03-07	Panwar, Ramesh , et al.	
	22	6093213	2000-07-25	Favor, John G., et al.	]
	23	6108644	2000-08-22	Goldschlag, David M., et al.	
	24	6131166	2000-10-10	Wong-Isley, Becky	
	25	6199152	2001-03-06	Kelly, Edmund J., et al.	
Ш	26	6327652 <sup>-</sup>	2001-12-04	England, Paul , et al.	
Ш	27	6397379	2002-05-28	Yates, Jr., John S., et al.	
	28	6529909	2003-03-04	Bowman-Amuah, Michel K.	
	29	6560627	2003-05-06	McDonald, Michael F., et al.	
Ш	30	6609199	2003-08-19	DeTreville, John	
	31	6615278	2003-09-02	Curtis, Bryce A.	
Ш	32	6651171.	2003-11-18	England, Paul , et al.	
0	33	6684326	2004-01-27	Cromer, Daryl C., et al.	
Siar				,	

## Signature

Examiner Name	Date
Daid Tym	6/10/08

Substitute for form 1449A/PTO		required to respond to a collection of information unless it contains a valid CMB control number.	
INFORMATION DISCLOSURE	Application Number	09/538,954	
STATEMENT BY APPLICANT (Use as many processory)	Filing Date	March 31, 2000	
\o\epsilon\epsilon\	First Named Inventor	Ellison, Carl	
(g)	Group Art Unit	2137	
JUL 0 2. 2004 &	Examiner Name	Norris, Tremay RECEIVED	
Sheet 1 CRANGE TO	Attorney Docket No: 42P08107		

Technology Center 2100

		FOREIGN PATEN	IT DOCUMENTS			
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T²
001	EP-EP0892521	01/20/1999	Zamek, Steven			
70	EP-EP1055989	11/29/2000	Proudler, Graeme J., et al.			
	EP-EP1056014	11/29/2000	Proudler, Graeme J., et al.			
	WO-WO0201794	01/03/2002	Ellison, Carl		<u> </u>	
	WO-WO02060121	08/01/2002	Grawrock, David W.			
	WO-WO03058412	07/17/2003	Glew, Andrew, et al.			
	WO-WO9812620	03/26/1998	Nishiuchi, Taiki, et al.			
QX	WO-WO9918511	04/15/1999	Edrich, David R.			

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No <sup>1</sup>	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
(X)		COULOURIS, GEORGE, et al., "Distributed Systems, Concepts and Designs",	
Mr		2nd Edition, (1994),422-424	
		CRAWFORD, JOHN, "Architecture of the Intel 80386", Proceedings of the IEEE	
<b>.</b>		International Conference on Computer Design: VLSI in Computers and	
ľ		Processors (ICCD '86), (October 6, 1986),155-160	
		FABRY, R.S., "Capability-Based Addressing", Fabry, R.S., "Capability-Based	
		Addressing," Communications of the ACM, Vol. 17, No. 7, (July 1974),403-412	
		FRIEDER, GIDEON, "The Architecture And Operational Characteristics of the	
		VMX Host Machine", The Architecture And Operational Characteristics of the	
1		VMX Host Machine, IEEE, (1982),9-16	
		INTEL CORPORATION, "IA-64 System Abstraction Layer Specification", Intel	
1		Product Specification, Order Number 245359-001, (01/2000),1-112	
İ		INTEL CORPORATION, "Intel IA-64 Architecture Software Developer's	
j		Manual", Volume 2: IA-64 System Architecture, Order Number 245318-001,	
1		(01/2000),i, ii, 5.1-5.3, 11.1-11.8, 11.23-11.26	
1		MENEZES, ALFRED J., et al., "Handbook of Applied Cryptography", CRC Press	
- 1		Series on Discrete Mathematics and its Applications, Boca Raton, FL,	
- 1		XP002165287, ISBN 0849385237,(Oct. 1996),403-405, 506-515, 570	
		NANBA, S., et al., "VM/4: ACOS-4 Virtual Machine Architecture", VM/4: ACOS-	
- 1		4 Virtual Machine Architecture, IEEE, (1985),171-178	
		RSA SECURITY, "Hardware Authenticators",	
l 1		www.rsasecurity.com/node.asp?id=1158, 1-2	
		RSA SECURITY, "RSA SecurID Authenticators",	
		www.rsasecurity.com/products/securid/datasheets/SID DS 0103.pdf, 1-2	
AX		RSA SECURITY, "Software Authenticators",	
1 X V		www.srasecurity.com/node.asp?id=1313, 1-2	

EXAMINER	David	Time	DATE CONSIDERED	6//	10/2
	The dis	1 00 9		<del></del>	<del></del>

4

PTO/SB/08A(10-01)
Approved for use through 10/31/2022, OMB 651-0001
US Patent & Tradement Office; U.B. DEPARTMENT OF CONDERCE

	Under the Paperwork Reduction Act of 1995, no persons are	required to respond to a collection of information unless it contains a valid CASS cortics number.				
Substitute for form 1449A/PTO	Complete il Known					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	09/538,954				
(Use as many sheets as not sear)	Filing Date	March 31, 2000				
0	First Named Inventor	Ellison, Carl RFCFVF	)			
JUL 0 2 2004 CS	Group Art Unit	2137				
300 0 2 2004 63	Examiner Name	Norris, Tremayne JUL 0 8 2004				
Sheet 2 of 2	Attorney Docket No: 4	Technology Center 21	10			

Examiner	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item	Τ²
Initials*	No 1	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
Dy		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", Wiley, John & Sons, Inc., XP002939871; ISBN 0471117099,(Oct. 1995),47-52	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", Wiley, John & Sons, Inc., XP002138607; ISBN 0471117099,(Oct. 1995),56-65	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code C", Wiley, John & Sons, Inc., XP0021111449; ISBN 0471117099,(Oct. 1995),169-187	
1	-	SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code in C", 2nd Edition; Wiley, John & Sons, Inc., XP002251738; ISBN 0471128457,(Nov. 1995),28-33; 176-177; 216-217; 461-473; 518-522	

DATE CONSIDERED **EXAMINER** Substitute Disclosure Statement Form (PTO-1449)

• EXAMINER: Initial if reference considered, whether or not dission is in conformance with MPEP 809. Draw the through classion if not in conformance and not considered, include copy of this for applicant. Applicant's unique citation designation number (optional) applicant is a place a check mark here if English language Translation is attached Substitute for form 1449A/PTO

# Substitute for form 1449A/PTO INFORMATION DISCEOSI STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 1 1 Sheet

Complete if Known					
Application Number	09/538,954				
Filing Date	March 31, 2000				
First Named Inventor	Carl M. Ellison				
Art Unit	2137				
Examiner Name	T.M. Norris				
Attorney Docket Number	42390P8107				

			U.S. PATE	ENT DOCUMENTS	
Examiner Initials*	Cite No.'	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Ciled Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
(8)		US-6,226,749	05-01-2001	CARLOGANU et al	
- 20		US-			
		US-			
l		US-			
		US-			

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite No.'	Foreign Patent Document			Pages, Columns, Lines,				
		Country Code - Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Τ*			
	: <del> </del>				_	<u> </u>			
	i								
	: <del> </del>					-			
	<del>                                     </del>					<del> </del>			
					•				
	<del> </del>					├			
				<del></del>		╁			

Examiner Signature	0	لی ،	Dyn	Date Considered	61	10	108
				- '	,,,	/	+

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number (optional)!See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04!Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3).'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST. 16 if possibitapplicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003.